App. Serial No. 10/517,538
Docket No.: FR020701US

In the Claims:

1. (Currently Amended) A method for generating position information in a mobile equipment provided with at least two position determination devices, the method comprising the following steps:

- sharing access, between multiple applications, to the at least two position determination devices using a common interface,

- allocating to each position determination device at least one stored parameter value,

- detecting insertion of a new position determination device,

- in response to detecting insertion,

- collecting at least one parameter for the new position determination device, and

- adding the new position determination device to a list of position determination devices,

- determining a context information, including whether a user is in transit, on foot or indoors,

- depending on in response to a change in the context information, ordering the list of position determination devices using choosing a context-corresponding position determination device selection process based on the value of said at least one parameter for each position determination device,

- in response to one of the multiple applications requesting position information using the common interface, selecting a position determination device according to the ordered list of position determination devices, the chosen selection process, and

- activating said selected position determination device.

2. (Original) A method according to claim I, wherein at least two stored parameter values are allocated to each position determination device.

2

App. Serial No. 10/517,538
Docket No.: FR020701US

3. (Original) A method according to claim 2, wherein said stored parameter values include at least one among an accuracy value, a response time value and a power consumption value.

4. (Currently Amended) A method according to claim ~~3,~~ 1 wherein the step of selecting a position determination device includes ~~comprises~~ the ~~sub~~-steps of:

    - checking for an active position determination device;

    - selecting, if an active position determination device is found, the active position determination device independent of the ordered list, and

    - selecting, if a no active position determination device is found, a position determination device according to the ordered list of position determination devices.

    ~~- ranking the position determination devices depending on the chosen selection process, and~~

    ~~- selecting an available position determination device of best rank.~~

5. (Canceled)

6. (Previously presented) A method according to claim 1, wherein position data include physical position data and logic position data.

7. (Previously presented) A method according to claim 6, wherein physical position data include Cartesian coordinates and longitude/latitude coordinates.

8. (Original) A method according to claim 6, wherein logic position data include radiofrequency beacon identifiers.

9. (Previously presented) A method according to claim 8, wherein the conversion step comprises reading from a table physical coordinates corresponding to at least one beacon identifier.

3

App. Serial No. 10/517,538
Docket No.: FR020701US

10. (Currently Amended) A mobile equipment having data processing capabilities, comprising:

- at least two position determination devices each capable of delivering position information of the mobile equipment in a specific format,

- at least two drivers for said position determination devices, each driver being capable of storing and retrieving at least ~~one~~ two different parameter~~s~~ associated with the position determination device,

- a location handling unit in communication with said drivers and capable of communicating with an application for providing position information, said location handling unit being capable of selecting a position determination device to be used for obtaining position information based on a context information, including whether a user is in transit[[.]], whether the user is on foot [[or]] and whether the user is indoors, and on the values of said parameters stored in the drivers ~~wherein each driver is capable of storing and retrieving at least two different parameters~~ and said location handling unit is adapted to receive a context message from said application and a priority of parameters is established as a function of said context message.

11. (Original) A mobile equipment according to claim 10, wherein said position determination devices are selected from the group comprising cell-based positioning devices, satellite based positioning devices and beacon-based positioning devices.

12. (Canceled)

13. (Previously presented) A mobile equipment according to claim 12, wherein said parameters comprise at least two among a position accuracy parameter, a response time parameter and a power consumption parameter.

14. (Canceled)

15. (Previously presented) A mobile equipment according to claim 10, wherein said location handling unit comprises a ranking means capable of storing a set of position

4

determination devices with a preference order according to the parameter(s) of higher priority.

16. (Original) A mobile equipment according to claim 15, wherein said location handling unit comprises an availability checking means for checking whether a preferred position determination device in said set is available or not and, in the negative, for checking the next preferred position determination device.

17. (Previously presented) A mobile equipment according to claim 10, wherein said location handling unit is capable of providing to said application position data together with accuracy information relating to said data.

18. (Previously presented) A mobile equipment according to claim 10, further comprising a position data conversion unit in communication with said location handling unit.

19. (Original) A mobile equipment according to claim 18, wherein said location handling unit is responsive to data format requirement information provided by the application for requesting conversion by said position data conversion unit.

20. (Previously presented) A mobile equipment according to claim 19, further comprising a position history unit capable of storing a plurality of position data together with time/date information.

21. (Previously presented) The method of claim 1, further comprising:
    - identifying a position data format as requested by an application,
    - determining whether a currently active position determination device supplies data according to this format, and,
    - in the negative, converting the position data supplied by the currently active position determination device into the requested position data format.

5

App. Serial No. 10/517,538
Docket No.: FR020701US

22. (New) The mobile equipment of claim 10, wherein the location handling unit is
configured to respond to the activation of a location listener by operating in an
asynchronous mode that provides the position information in response to the position
information being refreshed, and wherein the location handling unit is configured to
respond to the deactivation of the location listener by operating in a synchronous mode
that provides the position information in response to an access request.

23. (New) The mobile equipment of claim 22, wherein the location handling unit sends a
message to the at least two position determination devices, the message indicating the
whether the mode is synchronous and whether the mod is asynchronous.

24. (New) The method of claim 1, wherein the location handling unit determines whether
a user is indoors by detecting the availability of a wireless communication device.

6